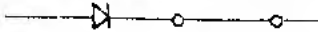


# Reset Procedure of AE 100 Hand Scanner

HP-100E [CPU Resetting]

How to Reset: (There is no CPU reset switch on the unit.)

First connect No. 13 pin of the CPU and No. 51 pin of CPU by a wire.

CPU #13 pin  CPU #51 pin

Then, switch ON the power, and Initialize CPU using the unit's keyboard in following steps:

[1] > [PROG] > [1] > [5] > [LIMIT] > [4] > [9] > [.] > [9] > [9] > [5] > [SEARCH]  
> [5] > [6] > [1] > [.] > [2] > [2] > [5] > [ENTER]

[2] > [PROG] > [5] > [0] > [LIMIT] > [1] > [0] > [7] > [.] > [9] > [9] > [5] >  
[SEARCH] > [5] > [6] > [1] > [.] > [2] > [2] > [5] > [ENTER]

[3] > [PROG] > [1] > [0] > [8] > [LIMIT] > [1] > [6] > [9] > [.] > [9] > [9] > [5]  
> [SEARCH] > [5] > [6] > [1] > [.] > [2] > [2] > [5] > [ENTER]

[4] > [PROG] > [1] > [7] > [0] > [LIMIT] > [2] > [9] > [6] > [.] > [9] > [9] > [5]  
> [SEARCH] > [5] > [6] > [1] > [.] > [2] > [2] > [5] > [ENTER]

[5] > [PROG] > [2] > [9] > [7] > [LIMIT] > [6] > [0] > [0] > [SEARCH] > [2] > [5]  
> [1] > [.] > [5] > [7] > [5] > [ENTER]

[6] > [PROG] > [8] > [0] > [5] > [LIMIT] > [1] > [1] > [0] > [9] > [9] > [9] > [5]  
> [▼] > [2] > [5] > [1] > [.] > [5] > [7] > [5] > [ENTER]

[7] > [PROG] > [1] > [1] > [1] > [0] > [LIMIT] > [1] > [3] > [0] > [0] > [▼] >  
[5] > [6] > [1] > [.] > [2] > [2] > [5] > [ENTER]

Lastly, power OFF the switch, and remove the wire between CPU #13 and CPU 51.

Turn on the switch again, and rewrite search program and memory channels.

Band Assignment:

		1st IF
1)	15 - 49.995MHz	+561.225MHz
2)	50 - 107.995 "	"
3)	108 - 169.995 "	"
4)	170 - 296.995 "	"
5)	297 - 600.000 "	+251.575 "
6)	805 - 1109.995 "	-251.575 "
7)	1110 - 1300.000 "	+561.225 "

Attached are drawings of the control p.c. board to show you CPU resetting wiring, and a part of schematic diagram around CPU.